



Department of Pesticide Regulation



Mary-Ann Warmerdam
Director

Arnold Schwarzenegger
Governor

June 15, 2006

SLN # CA-830012

REGISTRATION FOR SPECIAL LOCAL NEED *
FOR DISTRIBUTION AND USE ONLY WITHIN CALIFORNIA

Trade Name:	1. Gowan Malathion 8	EPA Reg. No.:	10163-21-ZA
	2. Gowan Malathion 8 Flowable		10163-21-ZB
	3. Malathion 8-E Insecticide		34704-452-AA
	4. Clean Crop Malathion 55		
	Insecticide Premium Grade		34704-3-AA
	5. Clean Crop Malathion ULV		
	Concentrate Insecticide		34704-18-AA
Firm Name:	1-2. Gowan Company		
	3. Loveland Products, Inc.		
	4-5. Platte Chem. Co.		

DIRECTION FOR USE

It is a violation of federal law to use this product
in a manner inconsistent with its labeling.

Location: Statewide

Crop/Site/Commodity: Commercial and ornamental plantings of crops –

Alfalfa (Pre-H), Almond Hulls (Pre-H), Almonds (Pre & Post H), Almonds, shells,
Apples (Pre-H), Apricots (Pre-H), Asparagus (Pre-H), Avocados (Pre-H), Barley, grain
(Pre & Post H), Beans (Pre-H), Beets (including tops) (Pre-H), Beets sugar roots (Pre-H),
Beets, sugar, tops (Pre-H), Birdsfoot trefoil, forage (Pre-H), Birdsfoot, trefoil, hay (Pre-
H), Blackberries (Pre-H), Blueberries (Pre-H), Boysenberries (Pre-H), Carrots (Pre-H),
Chayote fruit, Chayote roots, Cherries (pre-H), Chestnuts (Pre-H), Clover (Pre-H), Corn,
forage (Pre-H), Corn, fresh (inc. sweet)(Pre-H), Corn, grain (post-H), Cottonseed (Pre-
H), Cowpea, forage (Pre-H), Cowpea, hay (Pre-H), Cranberries (Pre-H), Cucumbers (Pre-
H), Currants (Pre-H), Dates (Pre-H), Dewberries (Pre-H), Eggplants (Pre-H), Figs (Pre-
H), Filberts (Pre-H), Fax seed, Flax straw, Garlic (Pre-H), Gooseberries (Pre-H),
Grapefruit (Pre-H), Grapes (Pre-H), Grass (pre-H), Grass, hay (Pre-H), Guavas (Pre-H),

*** This label supersedes the label dated December 2, 2005.**



Hops (Pre-H), Horseradish (Pre-H), Kumquats (Pre-H), Leeks (Pre-H), Lemons (Pre-H), Lentils (Pre-H), Lespedeza, hay, seed, straw (Pre-H), Limes (Pre-H), Loganberries (Pre-H), Lupine seed (Pre-H), Macadamia nuts (Pre-H), Mangoes (Pre-H), Melons (pre-H), Nectarines (pre-H), Oats grain (Pre & Post H), Okra (Pre H), Onions (inc green) (Pre H), Oranges (Pre-H), Papayas (Pre H), Parsnips (Pre H), Passion fruit (Pre-H), Peaches (Pre-H), Peanut, forage, hay (Pre-H), Peanuts (Pre & post H), Pears (Pre-H), Peas (Pre-H), Peavine, hay (Pre-H), Peavines (Pre-H), Pecans (Pre-H), Peppermint (Pre-H), Peppers (Pre-H), Pineapples (Pre-H), Plums (Pre-H), Potatoes (Pre-H), Prunes (Pre-H), Pumpkins (Pre-H), Quinces (pre-H), Radishes (Pre-H), Raspberries (Pre-H), Rice, grain (pre&Post H), Rice wild, Rutabagas (pre-H), Rye, grain (Pre& Post H), Safflower seed (Pre H), Salsify (inc top) (Pre H), Shalots (Pre H), Sorghum forage (Pre H), Sorghum grain (Pre & Post H), Soybeans dry, forage, hay (Pre H), Spearmint (Pre H), Squash summer & winter (Pre H), Strawberries (Pre H), Sunflower seeds Post H), Sweet Potatoes (Post H), Tangerines (Pre H), Tomatoes (Pre H), Turnips (inc tops) (Pre H), Vegetables leafy Brassica (cole), Vegetables leafy (except Brassica), Vetch, hay, seed, straw (Pre H), Walnuts (Pre H), Wheat grain (Pre & Post)

Target Pest/Problem: Quarantined members of the fruit fly family Tephritidae.

Dosage: Apply 2.8 ounces a.i. of malathion mixed with approximately 9.6 fluid ounces protein hydrolase (or similar substance) bait per acre. Amount of bait may vary according to type, viscosity, medium, or tank needs. Add water which has been buffered to near 7.0 ph, if required, according to the amounts given below, per acre.

I. Aerial Application

Urban Areas

2.8 ounces a.i. malathion
9.6 fl. oz. (approx. bait)
No dilution with water

Commercial Acreage

2.8 ounces a.i. malathion
9.6 fl. oz. (approx. bait)
2.9 gal. water (optional)

II. Ground Application

Urban Areas

2.8 ounces a.i. malathion
9.6 fl. oz. (approx. bait)
39.9 gal. water (optional)

Commercial Acreage

2.8 ounces a.i. malathion
9.6 fl. oz. (approx. bait)
39.9 gal. water (optional)

To achieve the required 2.8 ounce of active ingredient (a.i.) per acre, use the following amount of product:

1. Malathion 8 formulations: Use 2.8 fluid ounces of product per acre.
2. Malathion 55 formulations: Use 4.48 fluid ounces of product per acre.
3. Malathion premium grade and ULV formulations: Use 2.4 fluid ounces product per acre

Dilution Rate: See "Dosage" under appropriate heading.

Method of Application: Ground or Air

Frequency/Timing

- of Application:**
1. Aerial and/or ground applications shall commence immediately upon establishment of treatment zones, or boundaries.
 2. Ground aerial applications will be conducted at 6-14 day scheduled intervals, and shall continue as needed.
 3. At the onset of an infestation, it may be determined to be biologically and economically expedient to immediately initiate ground applications on selected properties or sites, to be followed within 24-96 hours with a comprehensive aerial application. In such cases, the combined treatment will only be conducted once after which regular application scheduling will follow.
 4. If application within a scheduled treatment zone is interrupted by breakdowns or other factors, the entire zone may be retreated within 24 hours in order to preserve the schedule interval.
 5. Do not treat when there is a 50% or more chance of receiving significant rainfall within the next 24 hours of scheduled application.

Restricted Entry Interval (REI): 24 hours for commercial crops such as grapes, grapefruits, lemons, limes, oranges, tangerines, nectarines, and peaches. Otherwise, when spray dries, or according to product labeling, whichever is longer.

Preharvest Interval (PHI): 24 hours for commercial crops such as grapes, grapefruits, lemons, limes, oranges, tangerines, nectarines, and peaches. Otherwise, when spray dries, or according to product labeling, whichever is longer.

Other Requirements:

1. This special local need registration must be in the possession of the applicator and supervisory personnel responsible for conducting the treatment at the treatment site.
2. The Department shall be notified immediately of any adverse effects resulting from the use of this treatment.
3. Treatments and their schedules listed in this registration are intended to be quarantine and eradication only, and therefore shall be conducted under the direct supervision of federal, state, or county authorized agricultural personnel.
4. The public shall be given prior notification via appropriate news media and departmental literature handouts of the treatment area schedules. Such information shall include the date treatment is to be made, material to be used, and the precautions listed on the product label.
5. Ground applications shall be made in environmentally sensitive areas, such as near water.

Valid until withdrawn, suspended or cancelled by the United States Environmental Protection Agency (USEPA), the manufacturer, the 24(c) registrant, or the Department of Pesticide Regulation.

All applicable directions, restrictions, and precautions on the USEPA-registered label(s) are to be followed.

This labeling must be in the possession of the user at the time of pesticide application.

The County Agricultural Commissioner's (or designee's) signature must be obtained prior to this use. This does not constitute a recommendation of the Department of Pesticide Regulation and will not prevent quarantine action if illegal residues are found on or in the crop.

Neither the Department nor the county agricultural commissioner, the manufacturer or formulator makes any warranty of merchantability, fitness of purpose, or otherwise, expressed or implied, concerning the use of a pesticide in accordance with these provisions. The user and/or grower acknowledge the preceding disclaimer and accept liability for any possible damage resulting from this use. Do not use in mixture with other pesticides unless provided for in the labeling. Trial on a small area to check out unanticipated problems is suggested.

June 15, 2006

Page 5

24(c) Registrant:

California Department of Food and Agriculture
Pest Detection/Emergency Projects
1220 N Street, Room A-330
Sacramento, California 95814
(916) 654-1211

USEPA SLN No. CA-830012



John E. Inouye
Senior Pesticide Use Specialist
Registration Branch
(916) 324-3538

COUNTY AGRICULTURAL COMMISSIONER'S SIGNATURE

Date

USER'S SIGNATURE
